

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
1	IS&R	L1	1553	(310/313r,313a,313b).CLS.	USPAT	2006/01/11 09:11	
2	IS&R	L2	655	(310/313r,313a,313b).CLS.	US-PGPUB; EPO; JPO; DERWE NT; IBM_T DB	2006/01/11 09:11	
3	IS&R	L3	628	(310/361,363,364).CCLS.	USPAT	2006/01/11 09:12	
4	IS&R	L4	443	(310/361,363,364).CCLS.	US-PGPUB; EPO; JPO; DERWE NT; IBM_T DB	2006/01/11 09:26	
5	BRS	L5	35	"surface acoustic wave" and "velocity dispersion"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWE NT; IBM_T DB	2006/01/11 09:26	

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
1	BRS	L1	39	"surface acoustic wave" and ("normalized film thickness" or "electrode film thickness ratio")	USPAT	2006/01/11 12:04	
2	BRS	L2	5	"surface acoustic wave" and ("normalized film thickness" or "electrode film thickness ratio") and dispersion	USPAT	2006/01/11 13:23	
3	BRS	L3	276	"surface acoustic wave" and ("normalized film thickness" or "electrode film thickness ratio") and shield and "st-cut" or "st cut"	USPAT	2006/01/11 12:05	
4	BRS	L4	0	"surface acoustic wave" and ("normalized film thickness" or "electrode film thickness ratio") and shield and ("st-cut" or "st cut")	USPAT	2006/01/11 12:06	
5	BRS	L5	1	"surface acoustic wave" and ("normalized film thickness" or "electrode film thickness ratio") and shield and ("st-cut" or "st cut")	US-PGPUB; USOCR; EPO; JPO; DERWE NT; IBM_T DB	2006/01/11 12:06	

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
6	BRS	L6	1	"surface acoustic wave" and "shield electrode" and ("st-cut" or "st cut")	US-PGPUB; USOCR; EPO; JPO; DERWENT; IBM_TDB	2006/01/11 12:12	
7	BRS	L7	1	"negative velocity dispersion"	USPAT	2006/01/11 12:13	
8	BRS	L8	81	"surface acoustic wave" and "shield electrode"	US-PGPUB; USOCR; EPO; JPO; DERWENT; IBM_TDB	2006/01/11 12:12	
9	BRS	L9	0	"negative velocity dispersion"	US-PGPUB; USOCR; EPO; JPO; DERWENT; IBM_TDB	2006/01/11 12:13	
10	BRS	L10	0	"negative velocity dispersion"	US-PGPUB; USOCR; EPO; JPO; DERWENT; IBM_TDB	2006/01/11 12:13	

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
11	BRS	L12	26	"surface acoustic wave" and ("st cut" or "st-cut") and euler	USPAT	2006/01/11 12:15	
12	BRS	L11	34	"surface acoustic wave" and ("st cut" or "st-cut") and euler	US-PGPUB; USOCR; EPO; JPO; DERWE NT; IBM_T DB	2006/01/11 12:38	
13	BRS	L13	6	Input adj1 (idt or interdigital) and output adj1 (idt or interdigital) and piezoelectric and "velocity dispersion"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWE NT; IBM_T DB	2006/01/11 12:40	
14	BRS	L14	13	input adj1 (idt and interdigital) and output adj1 (idt and interdigital) and quartz	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWE NT; IBM_T DB	2006/01/11 13:05	

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
15	BRS	L15	256	(IDT or interdigital) adj3 (al or aluminum or aluminum alloy)	US- PGPUB ; USPAT ; USOCR ; EPO; JPO; DERWE NT; IBM_T DB	2006/01/1 1 13:07	
16	BRS	L16	0	(IDT or interdigital) adj3 (al or aluminum or aluminum alloy) adj3 "first layer"	US- PGPUB ; USPAT ; USOCR ; EPO; JPO; DERWE NT; IBM_T DB	2006/01/1 1 13:08	
17	BRS	L17	1	(IDT or interdigital) adj3 (al or aluminum or aluminum alloy) adj3 "electrode layer"	US- PGPUB ; USPAT ; USOCR ; EPO; JPO; DERWE NT; IBM_T DB	2006/01/1 1 13:08	

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
18	BRS	L18	8	(IDT or interdigital) adj3 (al or aluminum or aluminum alloy) same "electrode layer"	US- PGPUB ; USPAT ; USOCR ; EPO; JPO; DERWE NT; IBM_T DB	2006/01/1 1 13:23	
19	BRS	L19	13	(IDT or interdigital) adj3 (al or aluminum or aluminum alloy) same laminated	US- PGPUB ; USPAT ; USOCR ; EPO; JPO; DERWE NT; IBM_T DB	2006/01/1 1 13:18	
20	BRS	L20	8	l19 not l18	US- PGPUB ; USPAT ; USOCR ; EPO; JPO; DERWE NT; IBM_T DB	2006/01/1 1 13:18	

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
21	BRS	L21	18	"surface acoustic wave" and ("normalized film thickness" or "electrode film thickness ratio") and (al or aluminum) adj3 (idt or interdigital or electrode)	US-PGPUB ; USPAT ; USOCR ; EPO; JPO; DERWENT; IBM_T DB	2006/01/11 13:25	
22	BRS	L22	18	"surface acoustic wave" and ("normalized film thickness" or "electrode film thickness ratio" or "H.lambda.") and (al or aluminum) adj3 (idt or interdigital or electrode)	US-PGPUB ; USPAT ; USOCR ; EPO; JPO; DERWENT; IBM_T DB	2006/01/11 13:48	
23	BRS	L23	1	"surface acoustic wave" and "piezoelectric substrate" and input adj2 IDT adj4 SPUDT	US-PGPUB ; USPAT ; USOCR ; EPO; JPO; DERWENT; IBM_T DB	2006/01/11 13:50	

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
24	BRS	L24	49	"surface acoustic wave" and input adj2 (idt or interdigital or transducer or electrode) and output adj2 (idt or interdigital or transducer or electrode) and SPUDt	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWE NT; IBM_T DB	2006/01/11 14:17	
25	BRS	L25	2	"20020057035"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWE NT; IBM_T DB	2006/01/11 14:17	
26	BRS	L26	1	125 and spudt	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWE NT; IBM_T DB	2006/01/11 14:18	



	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
27	BRS	L27	2	"first coefficient" adj2 ("velocity- dispersion" or "velocity dispersion")	US- PGPUB ; USPAT ; USOCR ; EPO; JPO; DERWE NT; IBM_T DB	2006/01/1 1 14:34	

# Searching PAJ

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**Search Results : 17**

Index Indication

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**Text Search**

If you want to conduct a Number Search, please click on the button to the right.

**Number Search**

**Applicant, Title of invention, Abstract — e.g. computer semiconductor**

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One letter word or **Stopwords** are not searchable.

surface acoustic wave

AND



AND

velocity dispersion

AND



AND

AND



AND

**Date of publication of application — e.g. 19980401 - 19980405**

-

AND

**IPC — e.g. D01B7/04 A01C11/02**

If you use the OR operation, please leave a **SPACE** between keywords.



Search

Stored data

Copyright (C); 1998,2003 Japan Patent Office

[Search Summary]

**Results of searching in PCT (Full Text) for:**

**"surface acoustic wave" and "velocity dispersion": 6 records**

*Showing records 1 to 6 of 6 :*

**Refine Search**

"surface acoustic wave" and "velocity dispersion"

**Title**

1. (WO 2005/094503) CHARACTERIZATION OF MICRO- AND NANO SCALE MATERIALS BY ACOUSTIC WAVE GENERATION WITH A CW MODULATED LASER
2. (WO 03/104789) MULTIFUNCTIONAL BIOSENSOR BASED ON ZnO NANOSTRUCTURES
3. (WO 02/045297) OPTICAL COMMUNICATIONS USING MULTIPLEXED SINGLE SIDEBAND TRANSMISSION AND HETERODYNE DETECTION  
[Repub: 12.09.2003]
4. (WO 03/038997) METHOD AND APPARATUS UTILIZING THE SAW *VELOCITY DISPERSION* EFFECT
5. (WO 02/45297) OPTICAL COMMUNICATIONS USING MULTIPLEXED SINGLE SIDEBAND TRANSMISSION AND HETERODYNE DETECTION
6. (WO 01/93522) MULTIPLE ACCESS SYSTEM AND METHOD USING A CODE-LENGTH DIVISION NOISE-SPECTRUM PROTOCOL

**Search Summary**

"surface acoustic wave": 5875 occurrences in 1591 records.

"velocity dispersion": 677 occurrences in 211 records.

("surface acoustic wave" AND "velocity dispersion"): 6 records.

Search Time: 13.59 seconds.



*Searching PCT (Full Text)...*

[Search Summary]

**Results of searching in PCT (Full Text) for:**

**"first coefficient" and ( "velocity-dispersion" or "velocity dispersion" ): 0 records**

**Refine Search**

**"first coefficient" and ("velocity-dispersion" or "velocity dispersion")**

No records matching your query found in PCT (Full Text)

### **Search Summary**

**"first coefficient":** 1805 occurrences in 358 records.

**velocity-dispersion:** 677 occurrences in 211 records.

**"velocity dispersion":** 677 occurrences in 211 records.

(velocity-dispersion OR "velocity dispersion"): 211 records.

("first coefficient" AND (velocity-dispersion OR "velocity dispersion")): 0 records.

Search Time: 5.6 seconds.





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Query: (("surface acoustic wave" and "velocity dispersion"))

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## Canadian Patents Database

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Query: ((("first coefficient" and "velocity dispersion"))

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Last Modified: 2002-12-31



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**RESULT LIST**

3 results found in the Worldwide database for:

**"surface acoustic wave"** in the title AND **"velocity dispersion"** in the title or abstract

(Results are sorted by date of upload in database)

**1 Surface acoustic wave filter**

Inventor: KIDOH HIDEO (JP)

EC: H03H9/02S8I; H03H9/145B1; (+1)

Publication info: **EP1445859** - 2004-08-11

Applicant: MURATA MANUFACTURING CO (JP)

IPC: **H03H9/02; H03H9/145; H03H9/25** (+4)

**2 Surface acoustic wave device**

Inventor: NIITSUMA TERUO (JP)

EC: G06G7/195; H03H9/145E2; (+1)

Publication info: **US5189330** - 1993-02-23

Applicant: CLARION CO LTD (JP)

IPC: **G06G7/195; H03H9/145; H03H9/42** (+4)

**3 Surface acoustic wave device**

Inventor: NIITSUMA TERUO

EC: G06G7/195; H03H9/145E2; (+1)

Publication info: **GB2236637** - 1991-04-10

Applicant: CLARION CO LTD (JP)

IPC: **G06G7/195; H03H9/145; H03H9/42** (+4)

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